

Supplementary Information

Porous Nickel Hollow Fiber Cathodes Coated with CNTs for Efficient Microbial Electrosynthesis of Acetate from CO₂ using *Sporomusa ovata*

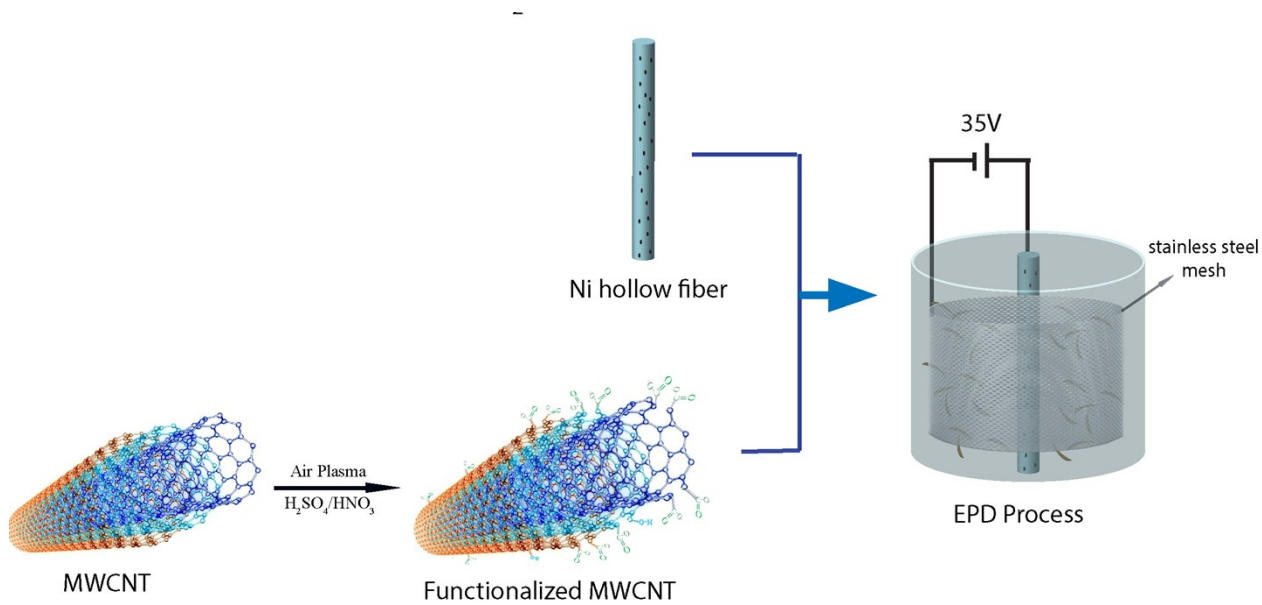
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Scheme S1 Electrophoretic deposition of multi-walled carbon nanotubes (MWCNTs) on Ni hollow fibers.

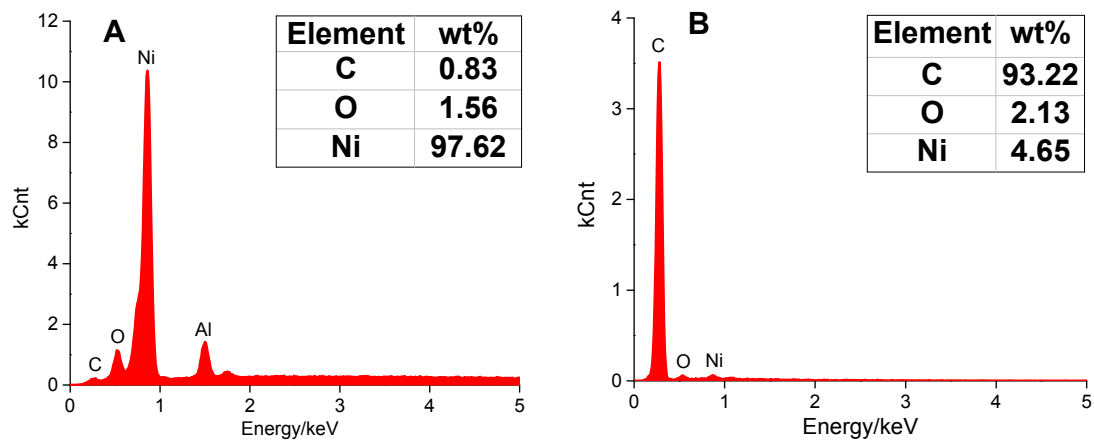


Figure S1 Energy-dispersive X-ray spectroscopy (EDS) analysis showing elemental composition of (A) Ni-PHF and (B) Ni-PHF/CNT cathode.

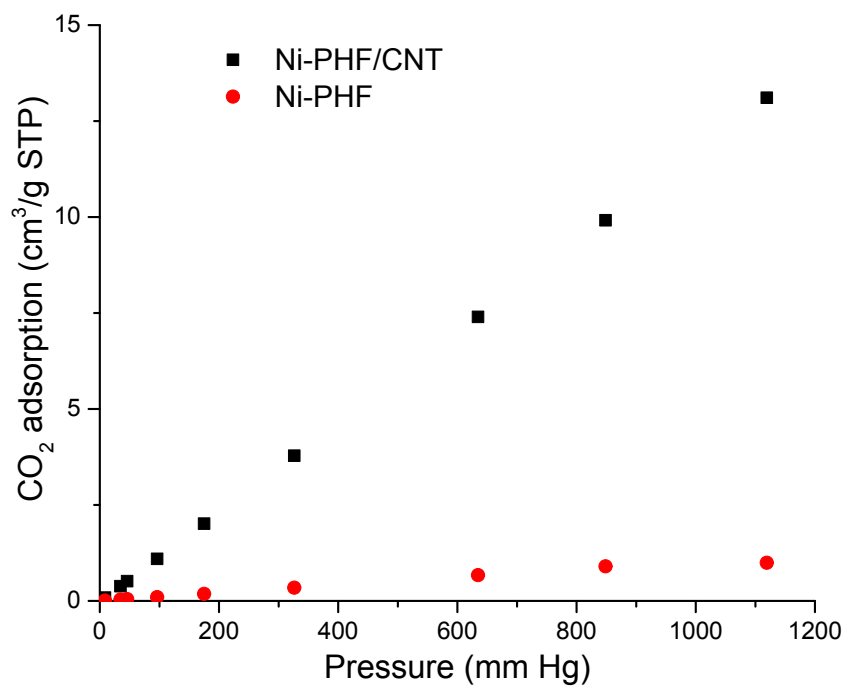


Figure S2 Comparison of CO₂ adsorption capability of Ni-PHF and Ni-PHF/CNT cathode.